



# M 6.4, 29 km WSW of Pocito, Argentina

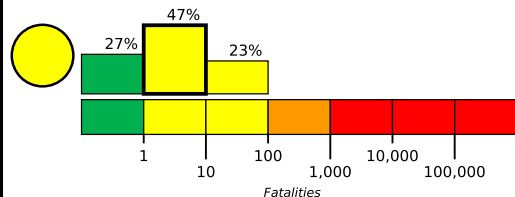
Origin Time: 2021-01-19 02:46:22 UTC (Mon 23:46:22 local)

Location: 31.8184° S 68.8473° W Depth: 20.0 km

FOR TSUNAMI INFORMATION, SEE: [tsunami.gov](https://tsunami.gov)

Created: 2 hours, 6 minutes after earthquake

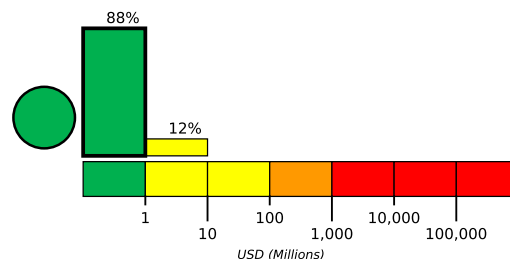
## Estimated Fatalities



Yellow alert for shaking-related fatalities. Some casualties are possible and the impact should be relatively localized. Past events with this alert level have required a local or regional level response.

Green alert for economic losses. There is a low likelihood of damage.

## Estimated Economic Losses

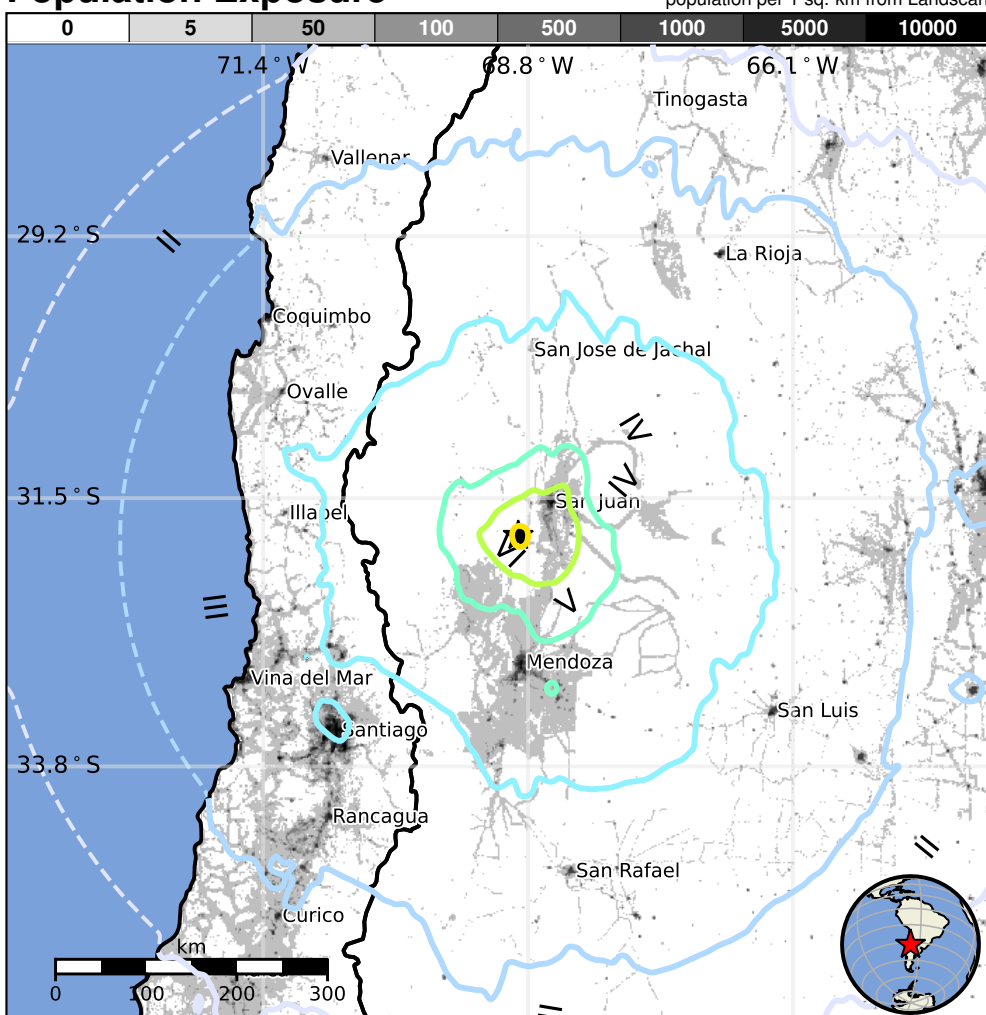


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		681k*	10,907k*	6,561k	216k	651k	1k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

## Population Exposure



## Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are adobe block and rubble/field stone masonry construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1985-01-26	145	5.9	VIII(38k)	6
1997-10-15	242	7.1	VIII(3k)	7
1985-03-03	310	7.9	VII(5,319k)	177

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

## Selected City Exposure

from GeoNames.org

MMI	City	Population
VI	Pocito	41k
VI	Villa Basilio Nieves	4k
VI	Villa Aberastain	<1k
VI	Villa Paula de Sarmiento	19k
VI	Chimbas	74k
VI	Villa Media Agua	<1k
VI	San Juan	447k
IV	Mendoza	877k
IV	Santiago	4,837k
III	Cordoba	1,428k
I	Santiago del Estero	355k

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us7000d18q#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000d18q